IBM

Operating System/2 Version 2.0

Rising above the limits

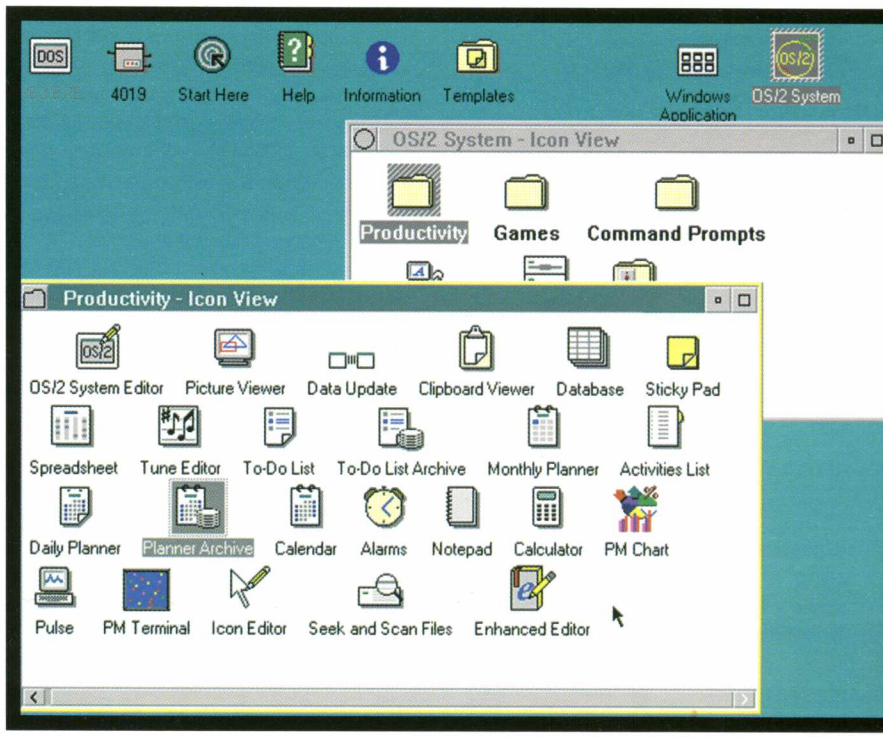
It's not about reaching limits. It's about rising above them. It's about better business today, building your business tomorrow. It's about raising your computing capabilities to a whole new level. It's the latest version of IBM Operating System/2®–Version 2.0.

OS/2® 2.0 increases your choices–by providing DOS, Windows™ and OS/2 support alike. You can run most applications based on any of these three platforms. And count on consistent, predictable performance when you do.

Because OS/2 2.0 is designed to tap the latest hardware technology, it multiplies your opportunities to get bigger and better benefits from your systems. Created for use with i386™ SX and higher (or compatible) microprocessors, it offers full 32-bit addressability plus true concurrent multitasking support. What's more, Version 2.0 makes it possible to run most DOS, Windows and OS/2 applications side-by-side while providing a high level of system reliability.

Also, this operating system helps users go beyond the limits of their past computing experience. Its friendly, guided user interface means the most complex computing tasks are easier to manage than ever before.

Of course, OS/2 2.0 fits within IBM's SAA™ and open systems strategy for the future. It's been developed with networking, database distribution,



enterprise-wide communications, and printing in mind. So, when your needs expand, you can be confident OS/2 will keep pace. That's the case whether your company is large or small. And it's one of the major benefits of IBM's commitment to OS/2–and to you.

OS/2 Version 2.0 at work

Here are some of the ways you can put OS/2 Version 2.0 to work for you:

- Boost productivity and grow your business by running a wide range of DOS, Windows and OS/2-based applications all at the same time
- Increase reliability and protect data integrity within your multitasking environment
- Take advantage of the latest developments in microprocessing, memory, large storage, and more
- Make it easier for new users to master the system, thanks to an icon-driven interface that simplifies every task
- Support most 16-bit DOS, Windows and OS/2 applications without reprogramming–and develop powerful new 32-bit OS/2 applications as well

Feature	Benefit
Workplace Shell (Object-based user interface)	• Offers simple-to-use iconic "drag and drop" capabilities that are consistent across the operating system • Provides a single, easy approach to managing printers, drives, files and programs • Permits management of multiple system resources and applications • Allows network resources such as folders and printers to be accessed as objects on your desktop • Offers a way to manipulate and integrate files apart from the file directory hierarchy; provides access to multiple directory trees too • Includes a master index of operating system procedures and concepts • Boosts productivity for experienced computer users; reduces training requirements for novices
DOS application support	• Runs multiple DOS applications with more memory available for each one • Allows you to window DOS applications • Lets you cut-and-paste between DOS applications
Windows application support	• Runs most Windows 2.0 and 3.0 applications "as is" • Permits you to simultaneously run multiple Windows applications on the desktop • Provides superior system integrity
OS/2 application support	• Runs OS/2 16-bit and 32-bit applications
Preemptive multitasking	• Enables execution of multiple applications at once–including multiple DOS, Windows and 16- and 32-bit OS/2 applications • Allows users to move on to something new while the system completes a previous task • Increases reliability for high-speed concurrent and background communications
Multithreading	• Gives you the capability to complete many processes within a task simultaneously
Application protection	• Enhances system integrity by isolating applications from one another and from OS/2, reducing the likelihood of any one application "hanging" your system • Provides a stable environment for DOS and Windows applications while allowing them to exchange data with each other and with applications based on OS/2 • Eliminates the need to reboot, reconnect or reconfigure your computer if a particular application fails
32-bit addressability	• Puts you in position to exploit today's microprocessing technology–i386 SX processors and above • Provides a strong platform for development of advanced applications–especially those involving full-motion video, digital sound, speech and handwriting recognition • Offers a way to double the performance of low-level functions like string manipulation, 32-bit integer math, data movement and pointer operations
Advanced memory technology	• Recognizes and utilizes all available memory • Opens the door to increased use of virtual memory–limited only by available disk space • Does away with segmented memory constraints by managing memory in units of any size
Enhanced file system design	• Makes file systems easily installable • Simplifies support of new storage media (like CD-ROM) requiring specialized functions • Offers advanced strategies for laying files out on disk to minimize fragmentation and increase performance • Utilizes SCSI hardware performance features • Enables sophisticated caching for reading and writing • Includes support for very large disks, long file names, and FAT file systems
Built-in applets	• Include simple productivity applications, games and utilities that help users learn the system and get to work without delay

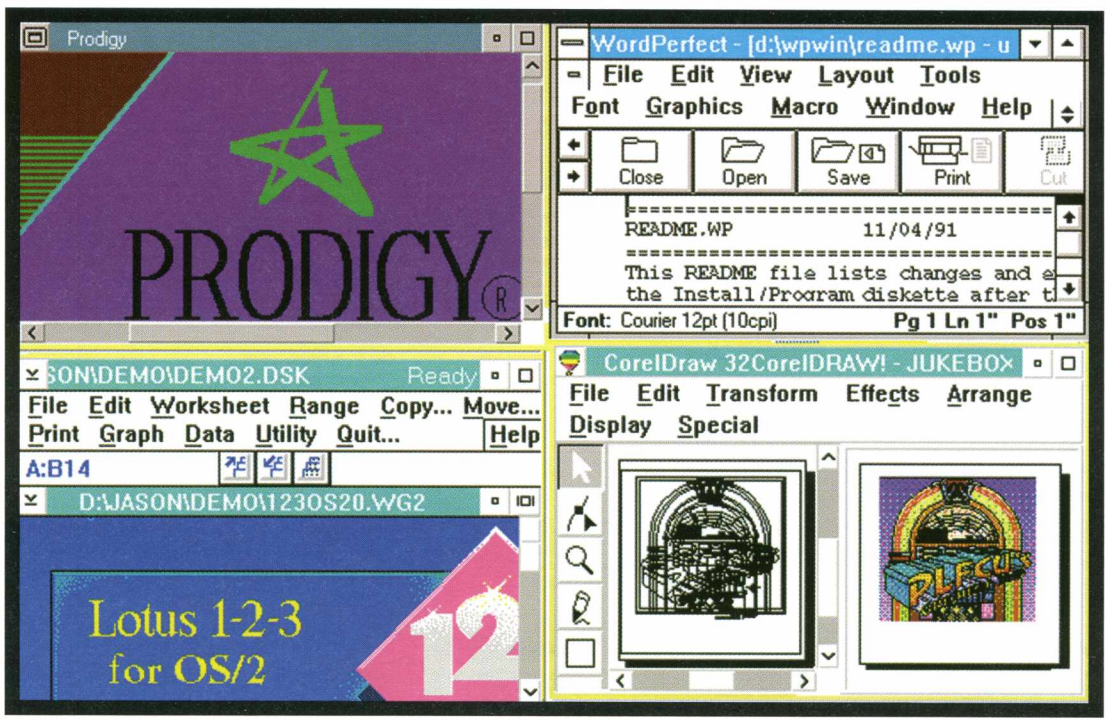
IBM Operating System/2 Version 2.0 at a glance

Addressable memory	48MB of EMS/XMS memory per application; up to 512MB per application written to the DOS Protect Mode Interface (DPMI) specification
Addressability	32-bit
Preemptive multitasking	Concurrent processing of multiple DOS, Windows and OS/2 applications; fast and easy movement among applications; protection between applications
Ease-of-use facilities	Iconic interface, online tutorial, contextual Help, graphical installation
Integrated applets	Ready-to-use mini-applications for productivity and entertainment
Languages supported	Existing: IBM COBOL/2,™ FORTRAN/2,™ C/2,™ PASCAL Compiler/2,™ Basic Compiler/2™ New 32-bit: C Set/2
Systems supported	IBM Personal System/2® system units and other personal computers having: • i386 SX microprocessor or higher • 4MB minimum memory[1,3] • 40MB or greater hard disk,[2,3] with 15MB-30MB available for OS/2 2.0
Warranty	Three months
Service	No-charge service for 24 months after general availability
Ordering	Contact your IBM Authorized Remarketer or IBM marketing representative. Or call 1-800-342-6672.

Supplementary offerings

To help you exploit the power of OS/2 2.0, IBM offers the following:

- IBM Extended Services for OS/2–includes flexible, extensive communications and database support
- IBM Distributed Database Connection Services/2–equips an OS/2 workstation to act as a database gateway to a host
- OS/2 LAN Server Version 2.0–provides smooth resource-sharing around your LAN
- IBM Print Services Facility/2–provides the ability to print host and workstation data on LAN-attached printers



OS/2 2.0 allows you to run most DOS, Windows and OS/2 applications side-by-side

Why OS/2?

Here are some of the reasons why IBM Operating System/2 2.0 stands out as the best solution for your business needs.

Ease of use through graphical installation, object-oriented iconic "drag and drop" interface, and online contextual Help.

Support of a wide variety of DOS, Windows and OS/2 applications within a single environment.

Compatibility with a broad range of applications, giving you the most flexible choice of PC programs plus the widest networking platform available.

Performance that's predictable and consistent when you're running multiple DOS, Windows and OS/2 applications.

True multitasking that enables you to access, utilize and manage information using multiple programs simultaneously.

32-bit addressability that means you can tap the potential of today's advanced microprocessing technology.

Enterprise-wide open systems strategy that extends to every desktop and beyond–to different types of networks, databases, distributed processing and printing environments.

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[1] For running OS/2 and DOS applications. Actual memory required is a function of the working set requirements of the operating system and your applications.
[2] Depending on the installation options selected.
[3] Some typical application scenarios require significantly greater amounts of memory and DASD storage.

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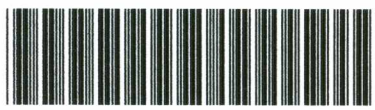

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